

DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY

amed inventor, I hereby declare that:

residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE specification for which

is attached hereto.

was filed February 20, 2002, Serial No. <u>10/081,051</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Thereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Country Filing Date Priority Claimed Serial No. I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below: Application Serial No. Filing Date Priority Claimed 60/269,944 February 20, 2001

I hereby claim the benefit under Title 35, United States Code, §120 and or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35. United States Code, §112, Lacknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Filing Date Status (Patented, Serial No. Pending, Abandoned)

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I further request that all telephone communications be directed to:

Name of First or Sole Inventor	Anthony F. Barbet	
Residence Archer, FL	Citizenship U.K.	
Post Office Address 8803 S.V	. 138 th Street	
Archer, I	L 32618	
Signature of First or Sole Invent	Date Blow North 2002	
Signature 6f First or Sole Invent	r	
********	*************	****
Name of Second Joint Inventor	William W. Whitmire	
Residence Hamilton, MT	Citizenship U.S.	
Post Office Address 1079 Out		_
Hamilton	MT 59840	
Signature of Second Joint Invent	Date	

· · · · · · · · · · · · · · · · · · ·	****************	***
	**************************************	****
	Sondra M. Kamper	***
Name of Third Joint Inventor	Sondra M. Kamper Citizenship U.S.	***
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu	Sondra M. Kamper Citizenship U.S.	***
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Ro	Sondra M. Kamper Citizenship U.S. kenwald Drive	***
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu	Sondra M. Kamper Citizenship U.S. kenwald Drive ck, TX 78681	***
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Ro Signature of Third Joint Inventor	Sondra M. Kamper Citizenship U.S. kenwald Drive ck, TX 78681	
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Ro Signature of Third Joint Inventor	Sondra M. Kamper Citizenship U.S. kenwald Drive ck, TX 78681 Date ***********************************	
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Ro Signature of Third Joint Inventor ***********************************	Sondra M. Kamper Citizenship U.S. kenwald Drive ck, TX 78681 Date ***********************************	
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Rock Signature of Third Joint Inventor ***********************************	Sondra M. Kamper Citizenship U.S. Skenwald Drive ck, TX 78681 Date ***********************************	
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Rock Signature of Third Joint Inventor ***********************************	Sondra M. Kamper Citizenship U.S. Skenwald Drive ck, TX 78681 Date ***********************************	
Name of Third Joint Inventor Residence Round Rock, TX Post Office Address 16835 Lu Round Rock Signature of Third Joint Inventor ***********************************	Sondra M. Kamper Citizenship U.S. Skenwald Drive Ck, TX 78681 Date ***********************************	***

Name of Fi	fth or Sole	Inventor	Roman R	eddy Ganta	
Residence	Manhatt	an, KS		Citizenship	India
Post Office	Address	1608 Little	e Kitten Av	venue	
		Manhattan	ı, KS 6650)3	
				Date	
Signature of	f Fifth or S	Sole Invento	r	Date	
*******	******	*****	*****	********	************
Name of Six	kth Joint I	nventor	Annie L.	Moreland	
Residence	Trenton,	FL		Citizenship	U.S.
Post Office	Address	4499 S.E.	82 nd Street		
		Trenton, F	L 32693		
				Date	
Signature of	Sixth Join	nt Inventor			
***	***				*********

Name of Sev	enth Join	t Inventor _	Duncan M	I. Mwangi	
Residence	Nairobi,	Kenya		Citizenship	Kenya
Post Office	Address	Mountainv			
		Off Waiyal	ki Way, Na	irobi, Kenya	
				Date	
Signature of	Seventh J	oint Invento	r		
***			a sta she she she she she she she		********
*******	*****	****	****	* * * * * * * * * * * * *	*********
Name of Eig	hth Joint l	Inventor _	Travis C. I	McGuire	
Residence _	Pullman,	WA		Citizenship	U.S.
Post Office A	Address	S.W. 920 C	restview		
	-	Pullman, W			
				Date	
Signature of	Eighth Jo	int Inventor		-	

Name of Ninth or Sol	e Inventor	Suman M	I. Mahan	
Residence Zimbaby	we		Citizenship	Kenya
Post Office Address	71 Olwyn A	Avenue		
	Strrathaver	, Harare,	Zimbabwe	
			Date	
Signature of Ninth or	Sole Invento	Γ		
******	*****	e ale ale ale ale ale ale ale a	****	***

Priority Claimed



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Application

☑ was filed February 20, 2002, Serial No. <u>10/081,051</u>

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Filing Date

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February 20, 2001

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I request that all correspondence be directed to Customer ID Number 23,557.

I further request that all telephone communications be directed to:

Name of First or Sole Inventor	Anthony F. Barbet	
Residence Archer, FL	Citizenship	U.K.
Post Office Address 8803 S.W	V. 138 th Street	
Archer, F	L 32618	
	Date	
Signature of First or Sole Inventor		
*********	*******	**********
Name of Second Joint Inventor	William W. Whitmire	
Residence Hamilton, MT	-	U.S.
Post Office Address 1079 Out	law Trail	
	, MT 59840	
Hillian Hutm	. Date	March 25 2002
Signature of Second Joint Inventor	or	,
*********	********	*********
Name of Third Joint Inventor	Sondra M. Kamper	
Residence Round Rock, TX	Citizenship	U.S.
Post Office Address 16835 Luc	ckenwald Drive	
Round Ro	ock, TX 78681	
	Date	
Signature of Third Joint Inventor		
*********	*******	**********
Name of Fourth Joint Inventor	Bigboy H. Simbi	
Residence Zimbabwe	Citizenship	Zimbabwe
Post Office Address P.O. Box	CY 551	
	, Harare, Zimbabwe	
	Date	
Signature of Fourth Joint Inventor		

Name of Fifth or Sol	e Inventor Rom	an Reddy Ganta	
Residence Manhat	tan, KS	Citizenship	India
Post Office Address	1608 Little Kitte	en Avenue	
	Manhattan, KS	66503	
		Date	
Signature of Fifth or	Sole Inventor		
******	*******	*******	**********
Name of Sixth Joint 1	Inventor Anni	e L. Moreland	
Residence Trenton	, FL	Citizenship	U.S.
Post Office Address	4499 S.E. 82 nd S	Street	
	Trenton, FL 320	593	
		Date	
Signature of Sixth Jo	int Inventor		
******	*****	******	*********
Name of Seventh Join	it Inventor <u>Dunc</u>	an M. Mwangi	
Residence Nairobi,	Kenya	Citizenship	Kenya
Post Office Address	Mountainview E	state, HSE 223	
	Off Waiyaki Wa	y, Nairobi, Kenya	
		Date	
Signature of Seventh	Joint Inventor		
****	***	***	********
	· · · · · · · · · · · · · · · · · · ·	******	*******************************
Name of Eighth Joint	Inventor Travi	s C. McGuire	
Residence Pullman.	, WA	Citizenship	U.S.
Post Office Address	S.W. 920 Cresty	iew	
	Pullman, WA 99		
		Data	
		Date	

Name of Ninth or Sol-	e Inventor Suman ?	M. Mahan	
Residence Zimbaby	ve	Citizenship	Kenya
Post Office Address	71 Olwyn Avenue		
	Strrathaven, Harare	, Zimbabwe	
		Date	
Signature of Ninth or	Sole Inventor	-	
******	*********	******	*****



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Application Country Filing Date Priority Claimed Serial No.

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application Serial No. 60/269,944

Filing Date February 20, 2001 Priority Claimed

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Application Serial No.

Filing Date

Status (Patented, Pending, Abandoned)

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I further request that all telephone communications be directed to

Name of First or Sole	Inventor A	nthony F. Barbet	
Residence Archer,	FL	Citizenship	U.K.
Post Office Address	8803 S.W. 1.	38 th Street	
	Archer, FL	32618	
		Date	
Signature of First or S	Sole Inventor		
****	****	****	**********
			· · · · · · · · · · · · · · · · · · ·
Name of Second Join	Inventor W	illiam W. Whitmire	
Residence Hamilton	n, MT	Citizenship	U.S.
Post Office Address			
	Hamilton, M	T 59840	
<u> </u>		Date	
Signature of Second J	oint Inventor		
*******	******	******	*********
Name of Third Joint Is	nventor So	ondra M. Kamper	
Name of Third Joint Is Residence Round R	nventor So	ondra M. Kamper Citizenship	U.S.
Name of Third Joint Is	nventor So	ondra M. Kamper Citizenship nwald Drive	
Name of Third Joint Is Residence Round R Post Office Address	nventor So ock, TX 16835 Lucker Round Rock,	Citizenship nwald Drive TX 78681	U.S.
Name of Third Joint Is Residence Round R Post Office Address	nventor So ock, TX 16835 Lucker Round Rock,	Citizenship nwald Drive TX 78681	U.S.
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint Is Signature of Third Joint Is Residence Round R Residence R	nventor So ock, TX 16835 Lucker Round Rock, 	ondra M. Kamper Citizenship nwald Drive TX 78681 Date	U.S.
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint Is ***********************************	nventor Sook, TX 16835 Lucker Round Rock, Limentor ***********************************	Citizenship nwald Drive TX 78681 Date	U.S. March 26, 2002
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint ***********************************	nventor Sook, TX 16835 Lucker Round Rock, Limentor ***********************************	Citizenship nwald Drive TX 78681 Date	U.S. March 26, 2002
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint Is ***********************************	nventor Sock, TX 16835 Lucker Round Rock, Limits Inventor ***********************************	Citizenship nwald Drive TX 78681 Date	U.S. March 26, 2002 *********************************
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint ***********************************	nventor Sock, TX 16835 Lucker Round Rock, Limits Inventor ***********************************	Citizenship Manager Citizenship Manager Manager Citizenship Date Citizenship Citizenship	U.S. March 26, 2002 *********************************
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint ************************** Name of Fourth Joint Residence Zimbabw	nventor Sock, TX 16835 Lucker Round Rock, Limits Inventor ***********************************	Citizenship Manager Citizenship Manager Manager Citizenship Date Citizenship Citizenship	U.S. March 26, 2002 *********************************
Name of Third Joint Is Residence Round R Post Office Address Signature of Third Joint ************************** Name of Fourth Joint Residence Zimbabw	nventor Sock, TX 16835 Lucker Round Rock, Nimmer Transporter Sock TX Inventor Bive P.O. Box CY. Causeway, Harris Took Took Took Took Took Took Took Too	Citizenship nwald Drive TX 78681 Date State St	U.S. March 26, 2002 *********************************

Name of Fifth or Sol	e Inventor Roman R	eddy Ganta	
Residence Manhatt	tan, KS	Citizenship	India
Post Office Address	1608 Little Kitten A	venue	
	Manhattan, KS 6650)3	
		Date	
Signature of Fifth or	Sole Inventor		
******	********	********	**********
Name of Sixth Joint I	nventor Annie L.	Moreland	
Residence Trenton,	FL	Citizenship	U.S.
Post Office Address	4499 S.E. 82 nd Street		
	Trenton, FL 32693		
		Date	
Signature of Sixth Joi	nt Inventor		
*******	********	******	*********
Name of Seventh Join	t Inventor Duncan M	I. Mwangi	
Residence Nairobi,	Kenya	Citizenship	Kenya
Post Office Address	Mountainview Estate	HSE 223	
	Off Waiyaki Way, Na		
		Date	
Signature of Seventh J	oint Inventor	24.0	
******	*******	********	**********
Name of Eighth Joint	Inventor <u>Travis C. I</u>	McGuire	
Residence Pullman,	WA	Citizenship	U.S.
Post Office Address	S.W. 920 Crestview		
	Pullman, WA 99163		
		Date	
Signature of Eighth Jo	int Inventor	-	

Name of Ninth or Sole	e Inventor Suman N	1. Mahan	
Residence Zimbabw	⁄e	Citizenship	Kenya
Post Office Address	71 Olwyn Avenue		
	Strrathaven, Harare,	Zimbabwe	
		Date	
Signature of Ninth or S	Sole Inventor		
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Application
Serial No.

Filing Date
Priority Claimed
Priority Claimed
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Yes

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Residence Archer, FI	L	Citizenship	U.K.
Post Office Address	8803 S.W. 138 th Stre	et	
_	Archer, FL 32618		
		Date	
Signature of First or So	le Inventor		
*******	*******	******	**********
Name of Second Joint I	nventor William V	V. Whitmire	
Residence Hamilton.	MT	Citizenship	U.S.
Post Office Address	1079 Outlaw Trail		
_	Hamilton, MT 59840)	
Cinner CC and Li		Date	
Signature of Second Joi	nt inventor		
*******	******	******	*********
Name of Third Joint Inv	ventor Sondra M.	. Kamper	
Residence Round Roo	ck, TX	Citizenship	U.S.
Post Office Address	16835 Luckenwald D	rive	
_1	Round Rock, TX 786	581	The second secon
		Date	
Signature of Third Joint	Inventor		
*******	******	******	**********
Name of Fourth Joint In	ventor Bigboy H.	Simbi	
Residence Zimbabwe		Citizenship	Zimbabwe
Post Office Address	P.O. Box CY.551		
(Causeway, Harare, Zi	mbabwe	
27/1-x	6	Date	Affice Se real
Signature of Fourth Join	it Inventor		7

Name of Fit	fth or Sole	Inventor	Roman Re	eddy Ganta	
Residence	Manhatt	an, KS		Citizenship	India
Post Office	Address	1608 Littl	e Kitten Av	enue	
		Manhattai	n, KS 6650	3	
				Date	
Signature of	Fifth or S	Sole Invento	or	24.0	
*******	******	******	******	*******	*********
Name of Six	th Joint I	nventor	Annie L. N	Moreland	
Residence	Trenton,	FL		Citizenship	U.S.
Post Office	Address	4499 S.E.	82 nd Street		
		Trenton, F	EL 32693		
				Date	
Signature of	Sixth Joi	nt Inventor			
******	*****	******	******	*****	*********
Name of Sev	enth Join	t Inventor	Duncan M	. Mwangi	
Residence	Nairobi,	Kenya		Citizenship	Kenya
Post Office A	Address	Mountainy	view Estate,	HSE 223	
		Off Waiya	ki Way, Na	irobi, Kenya	
				Date	
Signature of	Seventh J	oint Invento	or	•	
******	******	******	******	*******	*********
Name of Eig	hth Joint	Inventor	Travis C. N	AcGuire	
Residence _	Pullman,	WA		Citizenship _	U.S.
Post Office A	Address	S.W. 920 (Crestview		
		Pullman, V	VA 99163		
				Date	
Signature of	Eighth Jo	int Inventor		-	

ntor Suman M. Mahan
Citizenship Kenya
Dlwyn Avenue
ithaven, Harare, Zimbabwe
Date
nventor

rra

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	Archer, FL 32618	-	
		Date	
Signature of First or S	Sole Inventor	_	
*******	******	******	*********
Name of Second Join	t Inventor William	W. Whitmire	
Residence Hamilto	n, MT	_ Citizenship	U.S.
Post Office Address	1079 Outlaw Trail		
	Hamilton, MT 598		
		Date	
Signature of Second J	oint Inventor	_	
******	*******	******	**********
Name of Third Joint I	nventor Sondra l	M. Kamper	
Residence Round R	lock, TX	Citizenship	U.S.
Post Office Address	16835 Luckenwald		
	Round Rock, TX 7	8681	
		Date	
Signature of Third Joi	nt Inventor	-	
********	********	********	**********
Name of Fourth Joint	Inventor Bigboy I	H. Simbi	
Residence Zimbabw	ve	Citizenship	Zimbabwe
Post Office Address	P.O. Box CY.551		
	Causeway, Harare,	Zimbabwe	
		Date	
Signature of Fourth Jo	oint Inventor	-	

Name of Fifth or Sole	Inventor Roman F	Reddy Ganta	
Residence Manhatt	an, KS	Citizenship	India
Post Office Address	1608 Little Kitten A	venue	
	Manhattan, KS 665	03	
Roman R	Garta	Date	3/28/02
Signature of Fifth or S			
******	******	*****	**********
Name of Sixth Joint I	nventor Annie L.	Moreland	
Residence Trenton,			U.S.
	4499 S.E. 82 nd Stree		0.3.
Post Office Address	Trenton, FL 32693		
		Date	
Signature of Sixth Joi	nt Inventor		
******	******	*****	*********
Name of Seventh Joir	it Inventor Duncan N	A. Mwanai	
		viviwangi	
Residence Nairobi,	Kenya	Citizenship	Kenya
Post Office Address	Mountainview Estate		4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -
	Off Waiyaki Way, N	airobi, Kenya	
		Date	
Signature of Seventh.	Joint Inventor		
	· • • • • • • • • • • • • • • • • • • •		*******
****	· * * * * * * * * * * * * * * * * * * *	*****	****
Name of Eighth Joint	Inventor <u>Travis C.</u>	McGuire	
Residence Pullman.	WA	Citizenship	U.S.
Post Office Address	S.W. 920 Crestview		
Post Office Address	S.W. 920 Crestview Pullman, WA 99163		
Post Office Address		Date	

Name of Ninth	or Sole Inventor	Suman M. Mahan		
Residence Zin	mbabwe	Citizenship	Kenya	
Post Office Add	lress 71 Olwyn	Avenue		
	Strrathave	en, Harare, Zimbabwe		
		Date		
Signature of Ninth or Sole Inventor				
***	ىلىن ئىلىن ئىل ئىلىن ئىلىن ئى	***		
~~~~~~~~~~~	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	*****	*********	

# DECLARATION (37 CFR 1.63

DECLAXATION (37 CFR 1.63) AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled *EHRLICHLA RUMINANTIUM* POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE specification for which

is attached hereto.

☐ was filed February 20, 2002, Serial No. <u>10/081,051</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code §119 and/or §365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Application Serial No.

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below:

Application
Serial No.

Filing Date
Priority Claimed
Priority Claimed
Priority Claimed
February 20, 2001
Yes

Thereby claim the benefit under Title 35, United States Code, §120 and or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, Lacknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Filing Date Status (Patented, Serial No. Pending, Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I further request that all telephone communications be directed to:

Name of First or	Sole Inventor	Anthony F. Barbet	
Residence Are	cher, FL	Citizenship	U.K.
Post Office Add	ress <u>8803 S.W.</u>	138 th Street	
	Archer, FL	. 32618	
		Date	
Signature of Firs	st or Sole Inventor		
*****	******	*******	**********
Name of Second	Joint Inventor	William W. Whitmire	
Residence Har	nilton, MT	Citizenship	U.S.
Post Office Addi	ess 1079 Outla	w Trail	
	Hamilton,	MT 59840	
		Date	
Signature of Seco	ond Joint Inventor	•	
*******	*******	********	**********
Name of Third Jo	oint Inventor	Sondra M. Kamper	
Residence Rou	nd Rock, TX	Citizenship	U.S.
Post Office Addr	ess 16835 Luck	cenwald Drive	
	Round Roc	k, TX 78681	
		Date	
Signature of Thir	d Joint Inventor		
******	******	*******	*********
Name of Fourth J	oint Inventor <u>l</u>	Bigboy H. Simbi	
Residence Zim	babwe	Citizenship	Zimbabwe
Post Office Addre	ess P.O. Box C	Y.551	
		Harare, Zimbabwe	
		Date	
Signature of Four	th Joint Inventor		

Name of Fifth or Sol	e Inventor Roman F	Reddy Ganta				
Residence Manhatt	tan, KS	Citizenship	India			
Post Office Address	1608 Little Kitten A	venue				
	Manhattan, KS 665	03				
		Date				
Signature of Fifth or	Sole Inventor	•				
******	******	*****	*********			
Name of Sixth Joint I	Inventor Annie L.	Moreland				
	<del></del>					
Residence Trenton.			U.S.			
Post Office Address	4499 S.E. 82 nd Stree Trenton, FL 32693	t				
Cana A	mireland	Date	3/25/02			
Signature of Sixth Joi	int Inventor					
******	******	******	*********			
Name of Seventh Joint Inventor Duncan M. Mwangi						
Residence Nairobi,	Kenya	Citizenship	Kenya			
Post Office Address	Mountainview Estate	e, HSE 223				
	Off Waiyaki Way, N	airobi, Kenya				
		Date				
Signature of Seventh	Joint Inventor					
************************						
Name of Eighth Joint	Inventor Travis C.	McGuire				
Residence Pullman,	, WA	Citizenship	U.S.			
Post Office Address	S.W. 920 Crestview					
	Pullman, WA 99163					
		Date				
Signature of Fighth Ic	vint Inventor					

Name of Ninth	or Sole In	nventor _	Suman M	. Mahan	
Residence Z	imbabwe			Citizenship	Kenya
Post Office Ad	Idress 7	1 Olwyn A	venue		
	S	trrathaven,	Harare, 2	Zimbabwe	
				Date	
Signature of N	Signature of Ninth or Sole Inventor				
*******	*************************				

#### ATION (37 <del>CFR 1.63) AND P</del>OWER OF ATTORNEY

ed inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name; and

I believe that I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EHRLICHIA RUMINANTIUM POLYPEPTIDES, ANTIGENS, POLYNUCLEOTIDES, AND METHODS OF USE specification for which

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Application Serial No.

Country

Filing Date

Priority Claimed

I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below

Application

Senal No

Priority Claimed

60:269,944

I hereby claim the benefit under Title 35, United States Code, §120 and or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35. United States Code, §112, Lacknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application

Application Senal No.

Filing Date

Status (Patented, Pending, Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I further request that all telephone communications be directed to:

Name of First or Sol	e inventor	Anthony	F. Barbet	
Residence Archer.	FL		Citizenship	U.K.
Post Office Address	8803 S.W.	. 138 th Stre	et	
	Archer, FI	32618		
			Date	
Signature of First or	Sole Inventor	•		
*******	*******	******	*******	*********
Name of Second Join	nt Inventor	William V	V. Whitmire	
Residence Hamilto	n, MT		Citizenship	U.S.
Post Office Address	1079 Outla	w Trail		
	Hamilton,	MT 59840		
			Date	
Signature of Second 3	Joint Inventor	-		
******	*******	******	******	*********
Name of Third Joint I	nventor _	Sondra M.	Kamper	
Residence Round R	lock, TX		Citizenship	U.S.
Post Office Address	16835 Luck	cenwald D		
	Round Roc			
			Date	
Signature of Third Joi	nt Inventor			
*******	*******	******	******	*********
Name of Fourth Joint	Inventor <u>l</u>	Bigboy H.	Simbi	
Residence Zimbabw	ve		Citizenship	Zimbabwe
Post Office Address	D O D C'	N. 661		
	P.O. Box C' Causeway, I		nbabwe	
Signature of Fourth To	int Inventor		Date	

Residence Manhattan, KS Citizenship India  Post Office Address 1608 Little Kitten Avenue  Manhattan, KS 66503  Date  Signature of Fifth or Sole Inventor  Name of Sixth Joint Inventor Amie L. Moreland  Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street  Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Manhattan, KS 66503  Date  Signature of Fifth or Sole Inventor  Name of Sixth Joint Inventor Annie L. Moreland  Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street  Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Signature of Fifth or Sole Inventor  ***********************************	
Name of Sixth Joint Inventor Annie L. Moreland  Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Name of Sixth Joint Inventor Annie L. Moreland  Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Residence Trenton, FL Citizenship U.S.  Post Office Address 4499 S.E. 82 ad Street Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Post Office Address 4499 S.E. 82 ^{ad} Street  Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Trenton, FL 32693  Date  Signature of Sixth Joint Inventor	
Signature of Sixth Joint Inventor	
Signature of Sixth Joint Inventor	
************************	
	***
Name of Seventh Joint Inventor Duncan M. Mwangi	
Residence Nairobi, Kenya Citizenship Kenya	
Post Office Address Mountainview Estate, HSE 223 % ILRI P.O. Boy	3070
Off Waiyaki Way, Nairobi, Kenya	JAT KOBI
Date 17th May 200	2
Signature of Seventh joint Inventor	
V	
**************************************	rajeraje
Name of Eighth Joint Inventor Travis C. McGuire	
Residence Pullman, WA Citizenship U.S.	
Post Office Address S.W. 920 Crestview	
Pullman, WA 99163	
Signature of Eighth Joint Inventor	

Name of Ninth or Sol	e Inventor Suman M	I. Mahan	
Residence Zimbaby	ve	Citizenship	Kenya
Post Office Address	71 Olwyn Avenue		
	Strrathaven, Harare,	Zimbabwe	
		Date	
Signature of Ninth or	Sole Inventor		
******	*******	*****	*********

Priority Claimed

### DECLARATION (37 CFR-1.63) AND POWER OF ATTORNEY

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is attached hereto.

Application

60/269,944

☑ was filed February 20, 2002, Serial No. 10/081,051

Country

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Filing Date

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Application
Serial No. Filing Date Priority Claimed

February 20, 2001

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I further request that all telephone communications be directed to:

	Inventor Anthony F. Barbet	
Residence Archer,	FL Citizens	nip U.K.
Post Office Address	8803 S.W. 138 th Street	
	Archer, FL 32618	
		ate
Signature of First or S	Sole Inventor	
******	*********	**********
Name of Second Join	t Inventor William W. Whitmi	re
Residence Hamilto	n, MT Citizensl	uip U.S.
Post Office Address	1079 Outlaw Trail	
	Hamilton, MT 59840	
		ite
Signature of Second J	oint Inventor	
******	*********	**********
Name of Third Joint I	nventor Sondra M. Kamper	
Name of Third Joint I Residence Round R		ip <u>U.S.</u>
	ock, TX Citizensh  16835 Luckenwald Drive	ip <u>U.S.</u>
Residence Round R	ock, TX Citizensh	ip <u>U.S.</u>
Residence Round R	ock, TX Citizensh  16835 Luckenwald Drive	
Residence Round R	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Da	
Residence Round R Post Office Address  Signature of Third Join	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor	
Residence Round R Post Office Address  Signature of Third Joi  ***********************************	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor	te
Residence Round R Post Office Address  Signature of Third Joi  ***********************************	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor  ***********************************	te
Residence Round R  Post Office Address  Signature of Third Join  ********************************  Name of Fourth Joint	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor  ***********************************	te ***********
Residence Round R Post Office Address  Signature of Third Joint ******************* Name of Fourth Joint Residence Zimbabw	ock, TX Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor  ***********************************	te ***********
Residence Round R Post Office Address  Signature of Third Joint ******************* Name of Fourth Joint Residence Zimbabw	ock, TX  Citizensh  16835 Luckenwald Drive  Round Rock, TX 78681  Dant Inventor  Example 1	te

Name of Fif	th or Sole	Inventor	Roman R	eddy Ganta	
Residence	Manhatt	an, KS		Citizenship	India
Post Office	Address	1608 Little	e Kitten Ay	venue	
		_Manhattan	, KS 6650	)3	
				Date	
Signature of Fifth or Sole Inventor					
******	*****	*****	******	*******	***********
Name of Six	th Joint I	nventor _	Annie L.	Moreland	
Residence	Trenton,	FL		Citizenship	U.S.
Post Office	Address	4499 S.E. 3	82 nd Street		
		Trenton, F	L 32693		
	T			Date	
Signature of	Sixth Join	nt Inventor			
*******	******	*******	******	*****	**********
Name of Sev	enth Join'	t Inventor _	Duncan M	I. Mwangi	
Residence _	Nairobi, l	Kenya		Citizenship	Kenya
Post Office A	Address				
		Off Waiyal	ki Way, Na	iirobi, Kenya	
				Date	
Signature of	Seventh J	oint Invento	r		
******	****	****	. * * * * * * * * * * *	***	*********
					~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Name of Eig	hth Joint 1	Inventor _	Travis C. I	McGuire	
Residence _	Pullman,	WA		Citizenship	U.S.
Post Office A	Address	S.W. 920 C	restview		
	-	Pullman, W	/A 99163		
1 1 M	MG)	٠ 		Date	4/1/02
Signature of	Eighth Joi	int Inventor		-	

Name of Ninth or Sol	e Inventor Su	man M. Mahan	
Residence Zimbaby	ve	Citizenship	Kenya
Post Office Address	71 Olwyn Ave	enue	
	Strrathaven, H	Iarare, Zimbabwe	
		Date	
Signature of Ninth or	Sole Inventor		
******	******	******	*********

Priority Claimed

ION (37 CFR 1.63) AND POWER OF ATTORNEY

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☐ is attached hereto.

Application

☑ was filed February 20, 2002, Serial No. 10/081,051.

Country

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Filing Date

Serial No. I hereby claim priority benefits under Title 35, United States Code §119 of any provisional application(s) for patent listed below: Application Serial No. Filing Date Priority Claimed 60,269,944

February 20, 2001

I hereby claim the benefit under Fitle 35, United States Code, §120 and/or §365 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, Lacknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Filing Date Status (Patented, Serial No. Pending, Abandoned)

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I further request that all telephone communications be directed to:

Name of First or Sole Inventor		Anthony F. Barbet						
Residence Archer,	FI.	Citizenship	U.K.					
Post Office Address	8803 S.W	. 138 th Street						
	Archer, FI	L 32618						
		Date						
Signature of First or	Sole Inventor							
*************************								
Name of Second Join	t Inventor	William W. Whitmire						
Residence Hamilto	n, MT	Citizenship	U.S.					
Post Office Address	1079 Outla	aw Trail						
	Hamilton,	MT 59840						
		Date						
Signature of Second.	oint Invento	r						
******	****	***	*********					
		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	********					
Name of Third Joint Inventor Sondra M. Kamper								
Residence Round R	lock, TX	Citizenship	U.S.					
Post Office Address	16835 Luc							
	Round Roc	ck, TX 78681						
		Date						
Signature of Third Joint Inventor								
*************************								
Name of Fourth Joint Inventor Bigboy H. Simbi								
Residence Zimbaby	ve	Citizenship	Zimbabwe					
Post Office Address P.O. Box CY.551								
Causeway, Harare, Zimbabwe								
		Date						
Signature of Fourth Jo	oint Inventor							

Name of Fifth or Sole Inventor Ron			Roman R	eddy Ganta			
Residence	Manhatta	an, KS		Citizenship	India		
Post Office A	Address	1608 Little	venue				
				Date			
Signature of	Fifth or S	ole Invento	r	Dute			
*****	******	******	*****	*******	**********		
Name of Six	th Joint Ir	nventor	Annie L.	Moreland			
Residence _	Trenton,	FL		Citizenship	U.S.		
Post Office A	Address	4499 S.E.	82 nd Street				
		Trenton, F	L 32693				
				Date			
Signature of	Sixth Joir	nt Inventor					
***	****	***	ل بنت بات بات بات بات بات بات بات بات	ن بل جل جل جل مل شا مل با مل مل با			
*************************							
Name of Seventh Joint Inventor Duncan M. Mwangi							
Residence _	Nairobi, I	Kenya		Citizenship	Kenya		
Post Office A	ddress	Mountainy	iew Estate	, HSE 223			
	-	Off Waiyal	ki Way, Na	airobi, Kenya			
· · · · · · · · · · · · · · · · · · ·				Date			
Signature of S	Seventh Jo	oint Invento	r				
******	*****	******	******	*****	**********		
Name of Eigh	nth Joint I	nventor _	Travis C.	McGuire			
Residence	Pullman,	WA		Citizenship	U.S.		
Post Office A	ddress	S.W. 920 C	restview				
	-	Pullman, W					
				Date			
Signature of I	Fighth Ioi	nt Inventor		-	·		

Name of Ninth or Sole Inventor		Suman M	I. Mahan			
Residence	Zimbabw	/e		Citizenship	Kenya	
Post Office Address 71 Olwyn Avenu		Avenue				
di di		Strrathaven, Harare, Zimbabwe				
				Date	1 2162	
Signature of Ninth or Sole Inventor		or				
****	****	****	***		***	